

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	2	(sen\$3 or detect\$3) near3 (vibrat\$4 near3 (frequency or amplitude) ) near3 condition with (pipeline or pip\$3 or conduit or cylinder or tub\$3 or rod\$3 or cable)	EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/10 13:45
L2	2	(sen\$3 or detect\$3) near3 (vibrat\$4 near3 (frequency or amplitude) ) near3 condition with (pipeline or pip\$3 or conduit or cylinder or tub\$3 or rod\$3 or cable)	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/10 12:57
L3	6	(sen\$3 or detect\$3) near3 (vibrat\$4 near3 (frequency or amplitude) ) with condition with (pipeline or pip\$3 or conduit or cylinder or tub\$3 or rod\$3 or cable)	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/10 12:58
L4	198	(sen\$3 or detect\$3) near3 (vibrat\$4 near3 (frequency or amplitude) ) with (pipeline or pip\$3 or conduit or cylinder or tub\$3 or rod\$3 or cable)	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/10 13:07
L5	142	(sen\$3 or detect\$3) near3 (vibrat\$4 near3 (frequency or amplitude) ) with (pipeline or pip\$3 or conduit or cylinder or tub\$3 or rod\$3 or cable)	EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/10 13:07
L6	131	acoustic\$4 near3 characteristic near3 (pipeline or pip\$3 or conduit or cylinder or tub\$3 or rod\$3 or cable or pipe)	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/10 13:26
L7	63	6 and vibrat\$4	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/10 13:26
L8	46	acoustic\$4 near3 characteristic near3 (pipeline or pip\$3 or conduit or cylinder or tub\$3 or rod\$3 or cable or pipe)	EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/10 13:26
L9	4	8 and vibrat\$4	EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/10 13:33
L11	2823	(sen\$3 or detect\$3) near3 condition with (pipeline or pip\$3 or conduit or cylinder or tub\$3 or rod\$3 or cable or pipe)	EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/10 13:49
L12	65	11 same vibrat\$4	EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/10 13:49
L13	6693	(sen\$3 or detect\$3) near3 condition with (pipeline or pip\$3 or conduit or cylinder or tub\$3 or rod\$3 or cable or pipe)	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/10 13:49
L14	163	13 same vibrat\$4	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/10 13:59

## EAST Search History

L15	9	vibrat\$4 near3 (sens\$3 or detect\$3 or trnasducer) with pig	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/10 14:11
L19	61	vibrat\$4 near3 (sens\$3 or detect\$3 or transducer) same pig	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/10 15:16
L20	9	vibrat\$4 near3 (sens\$3 or detect\$3 or transducer) same pig	EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/10 15:16
L21	5	vibrat\$4 near3 (sens\$3 or detect\$3 or transducer) with pig	EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/10 15:24
L22	8	(seal\$3 or packer or resilient\$3 or elastic or cup) with (generat\$3 near3 vibrat\$3) same (condition with (pipeline or pip\$3 or conduit or cylinder or tub\$3 or rod\$3 or cable or pipe))	EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/10 15:32
L23	22	(seal\$3 or packer or resilient\$3 or elastic or cup) with (generat\$3 near3 vibrat\$3) same (condition with (pipeline or pip\$3 or conduit or cylinder or tub\$3 or rod\$3 or cable or pipe))	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/10 15:32
S1	131	acoustic\$4 near3 characteristic near3 (pipeline or pip\$3 or conduit or cylinder or tub\$3 or rod\$3 or cable)	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/10 13:22
S2	46	acoustic\$4 near3 characteristic near3 (pipeline or pip\$3 or conduit or cylinder or tub\$3 or rod\$3 or cable)	EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/09 14:20
S3	12	(vibrat\$4 near3 (frequency or amplitude)) near3 characteristic near3 (pipeline or pip\$3 or conduit or cylinder or tub\$3 or rod\$3 or cable)	EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/09 14:23
S4	41	(vibrat\$4 near3 (frequency or amplitude)) near3 characteristic near3 (pipeline or pip\$3 or conduit or cylinder or tub\$3 or rod\$3 or cable)	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/09 14:35
S5	184	pig with debris	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/09 15:14
S6	2681112	(sen\$3 or detect\$3 or transducer)	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/09 14:38
S7	105	S5 and S6	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/09 14:39

## EAST Search History

S8	34	pig with debris	EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/09 15:15
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